



SAFETY DATA SHEET

5035C

Bayer Australia Limited 875 Pacific Highway Pymble 2073	Emergency Telephone 1 800 033 111 Technical Information 1800 034 490	HMIS Hazard Rating HEALTH FLAMMABILITY REACTIVITY PERSONAL_PROTECTION 1 0 0 A
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: DCA 2000 Hemoglobin A1c Reagents Test Kit

Product Number: 5035C

Date Prepared: 25.4.2005

Revision Number: 2

Recommended Use: In vitro diagnostic reagent

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No./EINECS-No.	Chemical Name	Amount	EU Classification (67/548/EEC):
556-65-0 / 209-135-1	Lithium Thiocyanate (Buffer only)	5.7%	Xn, R22, R32

See Section 16 for further information on EU Classification.

3. HAZARDS IDENTIFICATION

This product is not considered to be a critical hazard to man or the environment.

EU Classification (1999/45/EC): Not applicable

EU Risk and Safety Phrases: None

4. FIRST AID MEASURES

Inhalation, Skin Contact and Eye Contact: If contact with contents occurs, wash area with water. Get medical attention if irritation persists.

Ingestion: Have patient drink 2-8 oz. glasses of water or milk to dilute. Get immediate medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use whatever is required for the surrounding area.



Special Fire Fighting Procedures: It is always best to wear a self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Thermal decomposition may yield small amounts of hydrogen cyanide.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Pick up and place in a disposal container. Collect spilled liquid with absorbent material and place in container for disposal.

7. HANDLING AND STORAGE

Store at temperatures and conditions as indicated on the product label.

Avoid contact with the reagents in the cartridge. Wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<i>Chemical Name</i>	<i>Exposure Limit(s)</i>
Lithium Thiocyanate (Buffer only)	None Established

Ventilation: Use general room ventilation, there is no special respiratory protection required.

Protective Gloves and Other Protective Equipment: Standard laboratory latex or plastic gloves.

Eye Protection: Standard laboratory safety glasses recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Plastic test cartridge with trace amounts of reagents and 600 uL of clear liquid buffer solution.

pH: buffer solution 9.0

Solubility in Water: Chemical contents are soluble.

Physical Characteristics: not significant

Flash Point (Method Used): None

Flammable Limits: LEL: Not Applicable UEL: Not Applicable



10. STABILITY AND REACTIVITY

Stability: This product is stable as sold if used as directed. There are no specific conditions to avoid.

Reacts with acids to liberate highly toxic cyanide compounds including hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

Chronic Effects of Overexposure: None currently known. None of the components are listed as a carcinogen or suspected carcinogen.

Acute Toxicity:

Inhalation, Skin Contact and Eye Contact: Inhalation of mists may cause respiratory irritation and possible systemic effects similar to ingestion. Contact may cause irritation.

Ingestion: Swallowing may cause gastrointestinal irritation and toxic effects including weakness, nausea, confusion, headache, slow gasping respiration, and cyanosis. This product contains microgram quantities of some hazardous components. These are contained within the test cartridge, so exposure is unlikely and the total amounts are insufficient to cause health effects.

Acute Toxicity Values: Lithium Thiocyanate: LD50 oral mouse: 210 mg/kg

12. ECOLOGICAL INFORMATION

Ecological effects of this mixture have not been determined.

13. DISPOSAL CONSIDERATIONS

Primary Container Type: The product container is HD polyethylene.

Waste Disposal Method: Each disposal facility must determine proper disposal methods to comply with Local, State and Federal Environmental Regulations. Incineration of the product could produce trace amounts of toxic gasses. Check your local regulations before incineration

14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated

Technical Name:

UN Number: N/A

Hazard Class and Packaging Group: Not regulated

Label(s): N/A



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Packing Instruction (Passenger Aircraft): N/A

Packing Instruction (Cargo Aircraft): N/A

Unit Volume: 600 uL buffer/cartridge

Primary Container Type: Plastic, HD polyethylene

Sales Unit: 10 cartridges

15. REGULATORY INFORMATION

SARA 311/312: Hazard categories for SARA Section 311/312

Reporting: Acute Health

Canadian WHMIS Classification: Medical Devices are Exempt from WHMIS

EU Classification (1999/45/EC): Not applicable

EU Risk and Safety Phrases: None

16. OTHER INFORMATION

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

Xn - Harmful

R22 - Harmful if swallowed.

R32 - Contact with acids liberates very toxic gas.

Reason for Revision: Revisions to section(s) 1,2,3,8,9,16

Prepared by: A. Holle, Manager Regulatory Affairs

The opinions expressed herein are those of qualified experts within Bayer Corporation. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Bayer Corporation, it is the users' obligation to assure safe use of the product.